

Form approved.
Budget Bureau No. 42-R355.6.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL:		OIL WELL ☐	GAS WELL ☒	DRY ☐	Other ☐						
b. TYPE OF COMPLETION:											
NEW WELL ☒		WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. RESVR. ☐ Other ☐						
2. NAME OF OPERATOR AMOCO PRODUCTION COMPANY											
3. ADDRESS OF OPERATOR 501 Airport Drive Farmington, NM 87401 U.S. GEOLOGICAL SURVEY											
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1190' FSL x 1165' FEL, Section 25, T-28-N, R-4-W At top prod. interval reported below Same At total depth Same											
		14. PERMIT NO.		DATE ISSUED JUN 30 1978							
15. DATE SPUDDED 1/4/78		16. DATE T.D. REACHED 1/21/78		17. DATE COMPL. (Ready to prod.) 5/25/78							
18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 7243' GL 7253' KB		19. ELEV. CASINGHEAD									
20. TOTAL DEPTH, MD & TVD 4350'		21. PLUG, BACK T.D., MD & TVD 4293'		22. IF MULTIPLE COMPL., HOW MANY*							
23. INTERVALS DRILLED BY →		ROTARY TOOLS O-TD		CABLE TOOLS							
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3953-4162', Pictured Cliffs											
25. WAS DIRECTIONAL SURVEY MADE? No											
26. TYPE ELECTRIC AND OTHER LOGS RUN Induction Electrical Log, Correlation, Compensated Density											
27. WAS WELL CORED? No											
28. CASING RECORD (Report all strings set in well)											
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED						
8-5/8"	24#	314'	12-1/4"	250 sx							
4-1/2"	10.5#	4350'	7-7/8"	1250 sx							
29. LINER RECORD											
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	TUBING RECORD						
					SIZE 2-3/8"						
					DEPTH SET (MD) 4157'						
					PACKER SET (MD) None						
31. PERFORATION RECORD (Interval, size and number)			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.								
3953-3964, 3967-76, 3993-98, 4002-06, 4010-56 x 1 SPF of .38" dia. Total of 75 holes. 4121-62 x 1 SPF of .34" dia. Total of 41 holes.			<table border="1" style="width: 100%;"> <thead> <tr> <th>DEPTH INTERVAL (MD)</th> <th>AMOUNT AND KIND OF MATERIAL USED</th> </tr> </thead> <tbody> <tr> <td>3953-4056</td> <td>170,200# SN x 1,620,000 SCF of N₂ x 847,500 gal frac fluid</td> </tr> <tr> <td>4121-4162</td> <td>141,400# SN; 900,000 SCF of N₂ x 70,700 gal frac fluid</td> </tr> </tbody> </table>			DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED	3953-4056	170,200# SN x 1,620,000 SCF of N₂ x 847,500 gal frac fluid	4121-4162	141,400# SN; 900,000 SCF of N₂ x 70,700 gal frac fluid
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4121-4162	141,400# SN; 900,000 SCF of N₂ x 70,700 gal frac fluid										
33.* PRODUCTION											
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)			WELL STATUS (Producing or shut-in)						
		Flowing			SI						
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.						
6/23/78	3	.75"	→		597						
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.						
375 psig	600psig	→		477							
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To Be Sold											
35. LIST OF ATTACHMENTS											
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records. Original Signed By E. E. SVOBODA TITLE Area Adm. Supervisor DATE 6/29/78											

***(See Instructions and Spaces for Additional Data on Reverse Side)**

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:				38. GEOLOGIC MARKERS			
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				NAME			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	MEAS. DEPTH	TRUE VERT. DEPTH		
Pictured Cliffs	3935	4243					
Lewis Shale	4243	4350					

UNITED STATES

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY